Application No. 09/526,978
Amendment dated February 12, 2004
Response to Office Action of December 17, 2003

Atty Docket No. 004444.P001
Examiner Dinh, Khanh Q.
TC/A.U. 2151

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the

application:

1.   (Currently Amended) A method comprising:

storing product data on a server coupled to receive requests from client devices;

generating a set of one or more common search requests <u>for subsets of the product</u>

<u>data</u>;

performing the generated set of common search requests to identify one or more

products;

storing on the server <u>an indication of</u> one or more products identified as a result of

<u>performing</u> the set of common search requests;

receiving a subsequent search request from a client device;

determining whether the subsequent search request is <u>equivalent to</u> one of the

<u>previously performed</u> common search requests; [[and]]

providing <u>results from the stored results without performing the subsequent search</u>

<u>request</u> an identified product, if the subsequent search request is <u>equivalent to</u> one of the

common search requests<u>; and</u>

<u>performing the subsequent search request if the subsequent search request is not</u>

<u>equivalent to one of the previously performed common search requests</u>.

Application No. 09/526,978
Amendment dated February 12, 2004
Response to Office Action of December 17, 2003

Atty Docket No. 004444.P001
Examiner Dinh, Khanh Q.
TC/A.U. 2151

2. (Currently Amended) The method of claim 1 wherein the product data is stored on one of a plurality of servers, and further wherein and all requests from a particular user during a session are directed to a single [[the]] server.

3. (Original) The method of claim 2 wherein a session comprises all requests that occur between a first request of the session and a predetermined period of time during which no requests are received by the server.

4. (Previously Presented) The method of claim 3, wherein the product data and information related to the session are maintained in volatile memory of the server.

5. (Previously Presented) The method of claim 1 wherein the set of one or more common search requests comprises one or more frequently performed searches.

6. (Previously Presented) The method of claim 1 wherein the set of one or more common search requests comprises one or more searches for a category of information related to various products.

7. (Previously Presented) The method of claim 1 wherein the data stores product information for use with an electronic commerce World Wide Web site.

Application No. 09/526,978
Amendment dated February 12, 2004
Response to Office Action of December 17, 2003

Atty Docket No. 004444.P001
Examiner Dinh, Khanh Q.
TC/A.U. 2151

8.　　(Currently Amended) A machine-readable medium having stored thereon sequences of instructions that, when executed by one or more processors, cause one or more electronic devices to:

store storing product data on a server coupled to receive requests from client devices;

generate generating a set of one or more common search requests for subsets of the product data;

perform performing the generated set of common search requests to identify one or more products;

store storing on the server an indication of one or more products identified as a result of performing the set of common search requests;

receive receiving a subsequent search request from a client device;

determine determining whether the subsequent search request is equivalent to one of the previously performed common search requests; [[and]]

provide results from the stored results without performing the subsequent search request providing an identified product, if the subsequent search request is equivalent to one of the common search requests; and

perform the subsequent search request if the subsequent search request is not equivalent to one of the previously performed common search requests.

Application No. 09/526,978
Amendment dated February 12, 2004
Response to Office Action of December 17, 2003

Atty Docket No. 004444.P001
Examiner Dinh, Khanh Q.
TC/A.U. 2151

9. (Previously Presented) The machine-readable medium of claim 8 wherein the product data is stored on one of a plurality of servers, and further wherein and all requests from a particular user during a session are directed to the server.

10. (Currently Amended) The machine-readable medium of claim 9 wherein a session comprises all requests that occur between a first request of the session and a predetermined period of time during which no requests are received by [[the]] a single server.

11. (Previously Presented) The machine-readable medium of claim 10, wherein the product data and information related to the session are maintained in volatile memory of the server.

12. (Previously Presented) The machine-readable medium of claim 8 wherein the set of one or more common search requests comprises one or more frequently performed searches.

13. (Previously Presented) The machine-readable medium of claim 8 wherein the set of one or more common search requests comprises one or more searches for a category of information related to various products.

Application No. 09/526,978
Amendment dated February 12, 2004
Response to Office Action of December 17, 2003

Atty Docket No. 004444.P001
Examiner Dinh, Khanh Q.
TC/A.U. 2151

14.   (Previously Presented) The machine-readable medium of claim 8 wherein the database stores product information for use with an electronic commerce World Wide Web site.

15-20. (Canceled)

21.   (New) A computer data signal embodied in transmission medium comprising instructions that, when executed by one or more processors, cause one or more electronic devices to:

store product data on a server coupled to receive requests from client devices;

generate a set of one or more common search requests for subsets of the product data;

perform the generated set of common search requests to identify one or more products;

store on the server an indication of one or more products identified as a result of performing the set of common search requests;

receive a subsequent search request from a client device;

determine whether the subsequent search request is equivalent to one of the previously performed common search requests;

provide results from the stored results without performing the subsequent search request, if the subsequent search request is equivalent to one of the common search requests; and

Application No. 09/526,978
Amendment dated February 12, 2004
Response to Office Action of December 17, 2003

Atty Docket No. 004444.P001
Examiner Dinh, Khanh Q.
TC/A.U. 2151

perform the subsequent search request if the subsequent search request is not

equivalent to one of the previously performed common search requests.

22. (New) The computer data signal of claim 21 wherein the product data is

stored on one of a plurality of servers, and further wherein and all requests from a

particular user during a session are directed to the server.

23. (New) The computer data signal of claim 22 wherein a session comprises

all requests that occur between a first request of the session and a predetermined period

of time during which no requests are received by a single server.

24. (New) The computer data signal of claim 23, wherein the product data

and information related to the session are maintained in volatile memory of the server.

25. (New) The computer data signal of claim 21 wherein the set of one or

more common search requests comprises one or more frequently performed searches.

26. (New) The computer data signal of claim 21 wherein the set of one or

more common search requests comprises one or more searches for a category of

information related to various products.

27. (New) The computer data signal of claim 21 wherein the database stores

product information for use with an electronic commerce World Wide Web site.